

WHAT IS CLAIMED IS:

1. A telecommunications system, comprising:
 - 5 a plurality of network clients including a positioning controller and a communications controller; and a positioning server including a coordinating controller for maintaining a database of network clients to be tracked and provide updates of position-related information to a presence server;
 - 10 wherein said plurality of network clients are configured to transmit position information received via said positioning controller to said positioning server via said communications controller.
2. A telecommunications system in accordance with claim 1, wherein
15 said positioning controller receives global positioning network signals for determining a position of an associated network client.
3. A telecommunications system in accordance with claim 2, wherein said communications controller comprises a cellular network controller for transmitting on
20 a cellular telephone network to said positioning server.
4. A telecommunications system in accordance with claim 1, wherein
positioning server includes an e-mail message generator for communicating said updates to said presence server.
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5. A telecommunications system in accordance with claim 1, wherein
positioning server includes an Instant Messaging message generator for
communicating said updates to said presence server.
- 30 6. A telecommunications system in accordance with claim 1, wherein
positioning server includes a Session Initiation Protocol (SIP) message generator for
communicating said updates to said presence server.

7. A telecommunications system in accordance with claim 1, wherein said presence server maintains a database of location and presence correlation pairs for registered users and receives location updates from said positioning server.

5 8. A telecommunications system in accordance with claim 1, wherein said positioning server maintains a database of location and presence correlation pairs for registered users and provides presence updates to said presence server.

9. A telecommunications device, comprising:

10 a positioning controller adapted to determine positioning information for said telecommunications device; and

a cellular telephone controller adapted to receive said positioning information from said positioning controller and cause said positioning information to be transmitted to an associated server.

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10. A telecommunications device as recited in claim 9, wherein said positioning controller receives Global Positioning System (GPS) signals to determine said positioning information.

20 11. A telecommunications device as recited in claim 9, further including a rules database of location and presence related information.

12. A telecommunications device as recited in claim 11, wherein said cellular telephone controller transmits changes to location and presence status to 25 said associated server.

13. A telecommunications device as recited in claim 11, wherein said cellular telephone controller transmits changes to location status to said associated server.

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14. A telecommunications device as recited in claim 11, wherein said cellular telephone controller receives updates to said rules database from said

associated server.

15. A telecommunications server, comprising:

a presence control unit adapted to receive and maintain presence information

5 for a plurality of users; and

a location control unit adapted to receive and maintain location information for
said plurality of users, said location information correlated with said presence
information.

10 16. A telecommunications server in accordance with claim 15, including a
first interface for receiving predefined presence-location correlation rules from
associated users.

17. A telecommunications server in accordance with claim 16, wherein
15 receiving said location information comprises receiving user-positioning updates
from a remote user from an operably coupled wireless network.

18. A telecommunications server in accordance with claim 17, wherein said
operably coupled wireless network comprises a cellular telephone network.

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19. A telecommunications server in accordance with claim 17, wherein
said operably coupled wireless network comprises a personal communication
service (PCS) network.

25 20. A telecommunications server in accordance with claim 17, further
comprising a second interface for transmitting user-positioning updates to an
operably coupled enterprise server.

21. A telecommunications server in accordance with claim 20 wherein said
30 receiving said user-positioning updates comprises receiving said user-positioning
updates via a telephone dial-in and said second interface comprises an e-mail
interface.

22. A telecommunications server in accordance with claim 20 wherein said receiving said user-positioning updates comprises receiving said user-positioning updates via a telephone dial-in and said second interface comprises a text 5 messaging interface.

23. A telecommunications server in accordance with claim 17, further comprising a second interface for transmitting user-positioning updates to one or more local users in a packet telephony format.

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24. A telecommunications method, comprising:
receiving one or more user positioning and presence correlation rules at a local controller; and
transmitting said one or more positioning and presence correlation rules to a 15 remote device.

25. A telecommunications method in accordance with claim 24, further comprising:

20 receiving positioning updates at said remote device; and
transmitting presence updates to other local controllers or remote devices as specified in said one or more positioning and presence correlation rules.

26. A telecommunications method in accordance with claim 25, wherein said receiving one or more user positioning and presence correlation rules 25 comprises receiving at a server one or more rules set via a network interface device operably coupled to said one or more local controllers.

27. A telecommunications method in accordance with claim 26, wherein said receiving positioning updates comprises receiving one or more signals from a 30 global positioning network.

28. A telecommunications method in accordance with claim 25, further

comprising transmitting positioning updates from said remote device to one or more servers via a radio-linked network.

29. A telecommunications method in accordance with claim 28, wherein
5 said radio-linked network comprises a cellular telephone network.

30. A telecommunications method in accordance with claim 28, wherein
said radio-linked network comprises a personal communication service (PCS)
network.

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31. A telecommunications method in accordance with claim 28, wherein
said one or more user positioning and presence correlation rules comprise one or
more time-of-day parameters.

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32. A telecommunications method in accordance with claim 28, wherein
said one or more user positioning and presence correlation rules comprise one or
more day-of-week parameters.

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